THE MINISTER OF STATE IN THE DEPARTMENT OF POWER IN THE MINISTRY OF ENERGY (SHRIMATI SUSHILA ROHATGI): (a) to (d) The information is being collected and will be laid on the Table of the House.

Improving the State power system

3153. SHRI SANTOSH KUMAR SAHU: Will the Minister of ENERGY be pleased to state:

(a) what are Government's plans for improving the State power system;

(b) what efforts are made by Government to exchange power between the States and the regions; and

(c) what steps are being taken for commissioning of additional generating units in the main thermal power stations to expedite improvement of power availability in the States?

THE MINISTER OF STATE IN THE DEPARTMENT OF POWER IN THE MINISTRY OF ENERGY (SHRIMATI SUSHILA ROHATGI): (a) and (b) Project proposals framed by the State Electricity Boards on the basis of system planning studies carried out for the Regional Grid Systems are techno-economically appraised by the Central Electricity Authority and investment approvals are accorded by the Government Implementation of the transmission projects is taken up by the State Electricity Boards. Inter-State and inter-Regional transmission lines at 132 KV and 220 KV are constructed under Centrally sponsored schemes, with loan assistance to the States, to enable exchange of power among various States and Regions. Inter-State Extra High Voltage transmission lines, associated with generating stations in the Central sector are being constructed with a view to transferring bulk power to various beneficiary States

(c) Thermal Power generating schemes aggregating to a total capacity of about 32000 MW are under various stages of implementation for commissioning during the Seventh Plan period and beyond.

Revision of estimated cost of Tehri Dam Project

3154. SHRI SANTOSH KUMAR SAHU: Will the Minister of ENERGY be pleased to state:

(a) what was the original estimated cost of Tehri Dam project;

(b) the number of times the estimated cost was revised; and

(c) what is the final estimated cost and what are the reasons for the revision in the cost of the project?

THE MINISTER OF STATE IN THE DEPARTMENT OF POWER IN THE MINISTRY OF ENERGY (SHRIMATI SUSHILA ROHATGI): (a) to (c) The Tehri Dam Project was originally sanctioned for an installed generating capacity of 600 MW (4x 150 MW) in June, 1972 at an estimated cost of Rs. 197.92 crores. The installed generating capacity was subsequently revised to 1000 MW (4x250 MW) at an estimated cost of Rs. 1065.86 crores (at 1983 price level). The cost estimates have now been updated to Rs. 1423.93 crores (at September, 1987 price level) by the Project authorities for appraisal by the Central Electricity Authority. The cost estimates have undergone revision due to change in project parameters and scope and price escalation.

Rural Electrification Schemes for hill districts of Uttar Pradesh

3155. SHRI SANTOSH KUMAR SAHU: Will the Minister of ENERGY be pleased to state:

(a) what is the number of rural electrification schemes sanctioned for the hill districts of U.P., what financial provision have been made for the purpose for the year 1987-88;

(b) what is the target fixed for electrification of villages in the Kaljikhal, Kot, and Pauri Blocks in District Garhwal; and

(c) what is the number of villages which have been electrified so far in Patwalsyun area under Kaljikhal Block and by when Nalai and Thapli are likely to be electrified as both villages are source of revenue from the forests, in Garhwal (U.P.)?

THE MINISTER OF STATE IN THE DEPARTMENT OF POWER IN THE MINISTRY OF ENERGY (SHRIMATI SUSHILA ROHATGI): (a) Rural Electrification Corporation (REC) has sanctioned 172 schemes, with a financial outlay of Rs. 105.59 crores, for 8 Hill districts of Uttar Pradesh A financial provision of Rs. 14.77 crores has been made during 1987-88 for schemes financed by REC in the hill districts.

(b) Target for electrification of villages during the current year under REC financed schemes in Kaljikhal, Kot and Pauri blocks in District Pauri Garhwal is as under:—

Name of Block	No.of Villages targetted for electrification during current year.
1. Kaljikhal .	15
2. Kot. . .	13
3. Pauri . .	10

(c) The information is being collected and shall be laid on the Table of the House

Shortage of spare parts required by power plants

3156. SHRI NARESH C. PUGLIA: Will the Minister of ENERGY be pleased to state:

(a) whether Government are aware of the fact that there is an acute shortage of spare parts required by Power plants with the result that the efficiency of certain thermal power stations has been impaired;

(b) whether it is a fact that the Bharat Heavy Electricals Limited which is the main supplier of the parts, has aggravated this problem by the unduly long delivery schedules for the supply of spare parts; and

(c) if so, what measures Government propose to take to overcome this difficulty?

THE MINISTER OF STATE IN THE DEPARTMENT OF POWER IN THE MINISTRY OF ENERGY (SHRIMATI SUSHILA ROHATGI): (a) to (c) The information is being collected and will be laid on the Table of the House.

Number of thermal power stations

3157. SHRI SANTOSH KUMAR SAHU: Will the Minister of ENERGY be pleased to state:

(a) what is the number of the existing thermal power stations and those under construction in the country, indicating performance of each station, and

(b) whether the Government of Orissa has made proposals for the setting up of Thermal Power Stations in that State; if so, what are the details thereof?

THE MINISTER OF STATE IN THE DEPARTMENT OF POWER IN THE MINISTRY OF ENERGY (SHRIMATI SUSHILA ROHATGI): (a) Information in respect of existing thermal stations and their plant load factor during 1987-88 (April to November) is contained in the enclosed statement-I. (*See* below) Information relating to on-going thermal projects is contained in the enclosed statement-II. [*See* Appendix CXLIV, Annexure No. 139].

(b) Proposals in respect of installation of gas turbine sets at Bhubaneswar (3x30 MW) and Jajpur Road (3x30 MW) were received in the CEA and can be techno-economically appraised only after the availability of inputs, including fuel oil, has been confirmed and requisite clearance have been obtained.